

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	23	S1 and memory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 06:23
S1	146	(PUI or (psuedo near unique near3 identifier))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 06:23
S3	40	S1 and (ram or rom or memory)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 06:24
S4	2	S1 and volatile	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 07:56
S10	5	S4 or S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 07:57
S9	0	S1 and "non-volatile"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 07:57
S8	3	S1 and nonvolatile	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 07:57

S13	49030	((ic or (integrated near circuit) or smart) adj card). ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 08:01
S12	277	S11 and (identifier with (volatile or nonvolatile))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 08:01
S11	98734	((ic or (integrated near circuit) or smart) adj card	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 08:01
S14	23	S13 and (identifier with (volatile or nonvolatile))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 08:02
S15	198	S12 and @ay<="2004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 08:18
S17	265	S11 and (identifier with ((non near volatile) or "non-volatile" or nonvolatile))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 08:20
S16	21	S13 and (identifier with ((non near volatile) or "non-volatile" or nonvolatile))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 08:20
S18	64	S17 and "235".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 08:21
S20	254	S11 and (identifier with ((non near volatile) or "non-volatile" or nonvolatile))	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 08:22
S19	64	S17 and "235".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 08:22

S21	2	"20060000892"	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/07 08:34
S22	3	"20060000892"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 08:35
S23	33	S17 and card.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 08:39
S24	2	"20030094491".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 16:40
S25	4173	235/492.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/07 17:09
S26	15694	contactless.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/22 14:07
S27	17	S26 and (voltage with detect with mode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/22 14:08
S28	21	("5206495"   "5929414"). PN. OR ("6168083").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 15:11
S30	5	S29 and voltage	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 15:12
S29	6	S28 and random	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/22 15:12
S32	32	(voltage with detect with mode) same random	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/22 15:16

S31	0	S26 and (voltage with detect with mode) same random	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/22 15:16
S33	311460	read near3 only near3 memory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 15:41
S34	1128	(read near3 only near3 memory) with identifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 15:42
S35	17	(read near3 only near3 memory) with generate with identifier	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 15:53
S36	17	(smart near card).ab. and (identifier with ((read near only) or ROM))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/27 12:59
S37	21	("5206495"   "5929414"). PN. OR ("6168083").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 14:32
S40	457	S38 and (detect\$3 or sens \$3) with voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/28 09:36
S39	1404	S38 and voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/28 09:36
S38	4411	235/492.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/28 09:36

S42	251	S38 and ((detect\$3 or sens\$3) with voltage) and card.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/28 09:37
S41	97	S38 and ((detect\$3 or sens\$3) with voltage) and contactless	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/28 09:37
S43	6	"9705021"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/28 10:13
S44	4	"10161302".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 14:21
S46	8	S45 and contactless	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 14:31
S45	234	(random same fixed same identif\$4 same mode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 14:31
S48	10	(random with fixed with identif\$4) and card.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 14:32
S47	290	(random with fixed with identif\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 14:32
S52	1	(contactless with mode with card with random)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 14:33

S51	0	(contactless with mode with card with random).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 14:33
S50	47	(contactless with mode with card).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 14:33
S49	279	(contactless with mode with card)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 14:33
S53	1	(atqa with atqb)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 14:34
S56	21	(answer adj3 request adj3 type)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 14:35
S55	74	(answer near3 request near3 type)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 14:35
S54	7	(answer near3 request near3 type near3 (a or b))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 14:35
S58	1	((11/051015).APP.	USPAT; USOCR	OR	ON	2009/08/10 14:37
S57	0	("2006/0175406").URPN.	USPAT	OR	ON	2009/08/10 14:37
S59	6	("20040116074"   "5698837"   "6354500"   "6388562"   "6469618"   "6690263").PN. OR ("7274284").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 14:38

S64	19	(card same mode same random same (secu\$3 or encrypt\$3 or safe)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 14:39
S63	0	(contactless same mode same random same (secu\$3 or encrypt\$3 or safe)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 14:39
S62	0	(contactless same mode same random same (secu\$3 or encrypt\$3 or safe)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 14:39
S61	0	(contactless and mode and random and (secu\$3 or encrypt\$3 or safe)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 14:39
S60	1415	(contactless and mode and random and (secu\$3 or encrypt\$3 or safe))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 14:39
S66	9	(card same mode same random same (secu\$3 or encrypt\$3 or safe)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 14:40
S65	0	(contactless same mode same random same (secu\$3 or encrypt\$3 or safe))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 14:40
S68	3	(contactless with switch with mode).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:02
S67	25	(contactless near3 mode).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:02
S69	48	(contactless with switch with mode)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:03
S73	7	(contactless and card and identifier).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:04
S72	1	(random with fixed) same contactless same mode	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:04
S71	0	(contactless and switch and mode and (random or secure) and (fixed or nonsecure or insecure or unsecure)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:04
S70	791	(contactless and switch and mode and (random or secure) and (fixed or nonsecure or insecure or unsecure))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:04

S74	0	(noncollision and random and fixed).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:06
S76	4	(contactless and (anticollision or anti near collision)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:07
S75	192	(anticollision or anti near collision).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:07
S78	10	("5539394"   "5591951"   "5686902"   "5966378"   "6040786"   "6377203"   "6456191").PN. OR ("6749117").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:14
S77	1	(10/299903).APP.	USPAT; USOCR	OR	ON	2009/08/10 15:14
S81	9	("5539394"   "5591951"   "5686902"   "5966378"   "6040786"   "6070804"   "6377203"   "6456191"   "6747546").PN. OR ("6923380").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:18
S80	2	"10/810662".app.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:18
S79	0	"10810662".app.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:18
S83	8	S82 and random	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:19
S82	12	S81 or S78	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:19
S85	1	atqa same atqb	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:21
S84	55	reqa same reqb	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:21
S88	6	atq and (mode same card)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:22
S87	0	atq and (mode and card).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:22
S86	687	atq	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:22
S89	109968	(UID or unique near identifier)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:24
S90	4	(UID or unique near identifier) same (pupi or PICO near identifier)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:25
S92	29	select same unique same (pseudo near unique)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:26
S91	1	select same uid same pupi	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:26
S94	0	("2006/0144943").URPN.	USPAT	OR	ON	2009/08/10 15:28



S93	0	(11/301549).APP.	USPAT; USOCR	OR	ON	2009/08/10 15:28
S96	0	(contactless and ((encrypt\$4 or unencrypt\$4) with mode)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 15:40
S95	986	((encrypt\$4 or unencrypt\$4) with mode).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 15:40
S98	4	(card and switch and ((encrypt\$4 or unencrypt\$4) with mode)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 15:41
S97	61	(card and ((encrypt\$4 or unencrypt\$4) with mode)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 15:41
S100	0	(card and ((encrypt\$4 and unencrypt\$4) with mode)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:43
S99	4	(card and ((encrypt\$4 or unencrypt\$4) with mode)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:43
S101	6	((encrypt\$4 and unencrypt\$4) with mode) and card.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:44
S102	4	(encrypt\$4 with unencrypt\$4 with mode) and card.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:45
S103	3	(secure with (insecure or unsecure) with mode) and card.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 15:46
S105	7	S104 and (pupi or uid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 16:05
S104	381	nakabe.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/10 16:05

S106	6	("5068894"   "5293029"   "6040786"   "6480869"   "7011250"   "7016924").PN. OR ("7152799").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 16:07
S108	4	S107 and card.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 16:23
S107	171	(encrypt\$4 with unencrypt \$4 with mode)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 16:23
S111	7	((multiple or plurality or different) near2 mode) with (contactless or noncontact or (non near contact)) and card.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 16:26
S110	105	((multiple or plurality or different) near2 mode) with (contactless or noncontact or (non near contact))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 16:26
S109	1212	((multiple or plurality or different) near2 mode) with (contact or noncontact or (non near contact))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 16:26
S112	42	(biometric and public and private and key).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 16:29
S114	19	("20020095587"   "4453074"   "5485519"   "5541994"   "5764789"   "5768389"   "5838812"   "5870723"   "5910989"   "5991408"   "6011858"   "6012039"   "6101477"   "6154879"   "6192142"   "6230148"   "6269348"   "6484260").PN. OR ("7188362").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 16:36
S113	1	(10/096416).APP.	USPAT; USOCR	OR	ON	2009/08/10 16:36
S116	1	card.ab. and (insecure or unsecure) near mode	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 16:37
S115	0	(biometric and card).ab. and (insecure or unsecure) near mode	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 16:37
S118	14	(secure same (unsecure or insecure) same mode) and card.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 16:39
S117	297	(secure same (unsecure or insecure) same mode)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/10 16:39

S119	2	"6595342".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/11 09:12
S120	2	"6094724".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/11 09:15
S121	4	S119 or S120	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/11 09:19
S123	20	("20020095587"   "4453074"   "5485519"   "5541994"   "5764789"   "5768389"   "5838812"   "5870723"   "5910989"   "5991408"   "6011858"   "6012039"   "6101477"   "6154879"   "6192142"   "6230148"   "6269348"   "6484260").PN. OR ("7188362").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/11 11:16
S122	1	(10/096416).APP.	USPAT; USOCR	OR	ON	2009/08/11 11:16
S124	4639	235/492.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 11:25
S126	65	S124 and (mode same secure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 11:26
S125	0	S124 and (mode same secure same (unsecure or insecure or nonsecure))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 11:26

S131	200	S124 and "14443"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 11:27
S130	11	S124 and (reqa or reqb or atqa or atqb)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 11:27
S129	26	S128 and (identifier same mode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 11:27
S128	2713	S124 and card.ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 11:27
S127	25	S124 and (random with identifier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 11:27

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8/12/09

### EAST Search History (Interference)

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